

FIGURE 1

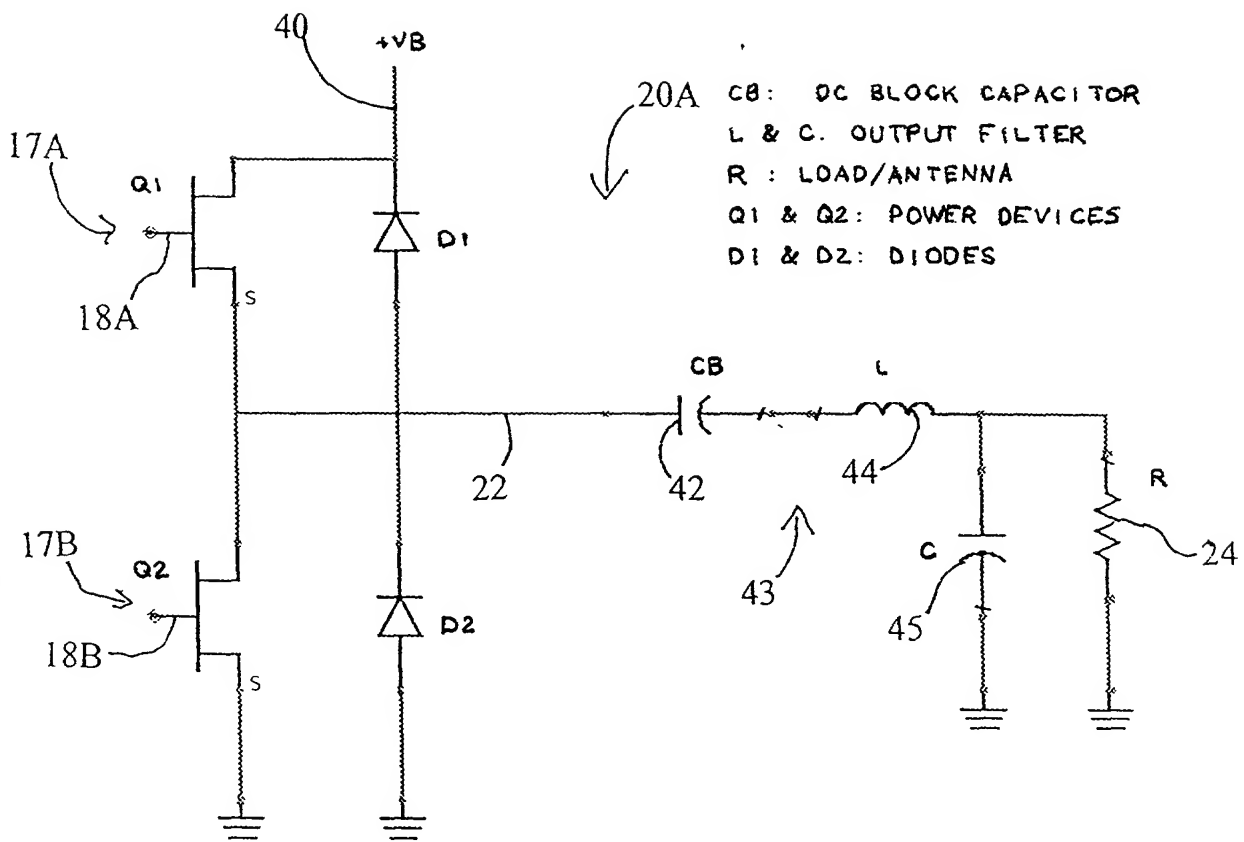


FIG. 2. CLASS S AMPLIFIER WITH 2 DEVICES.

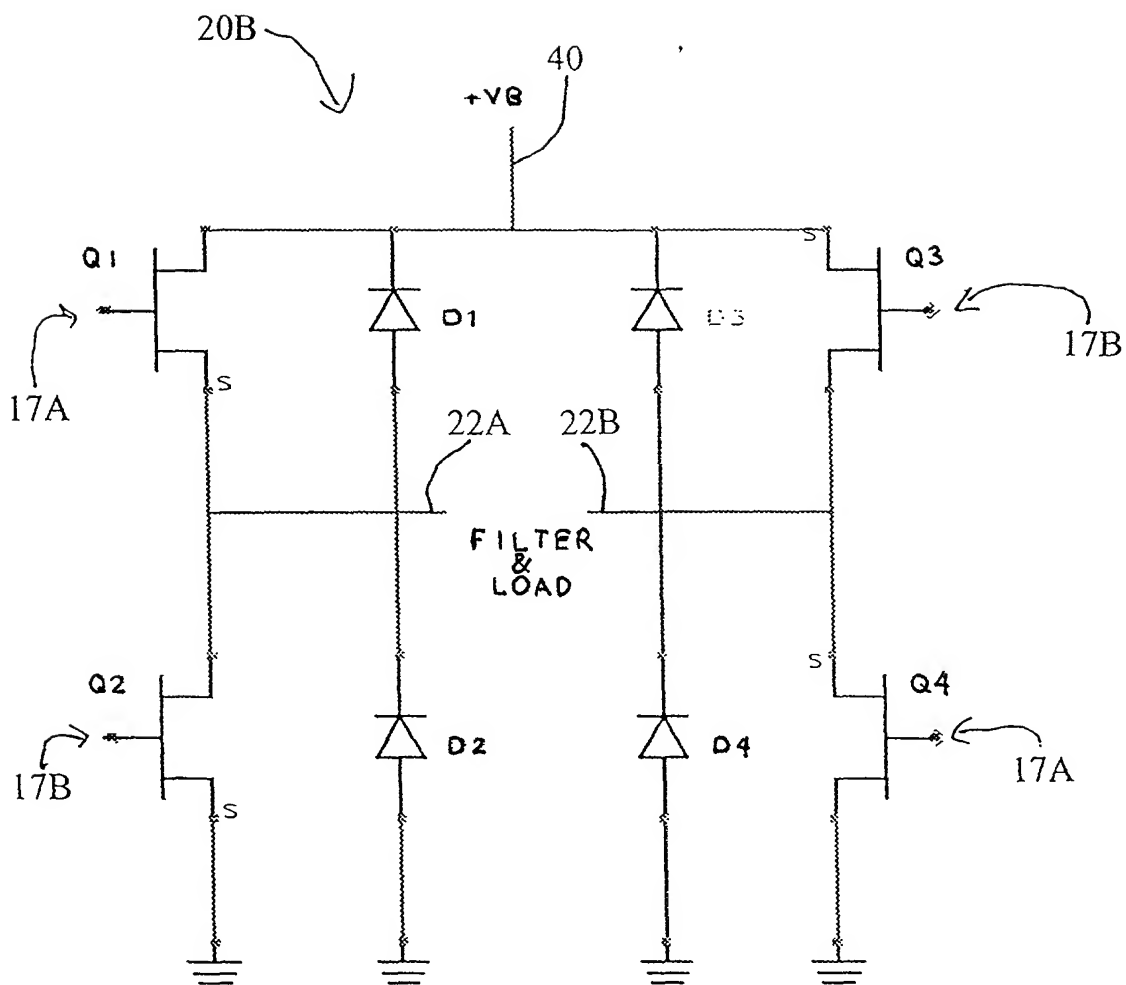
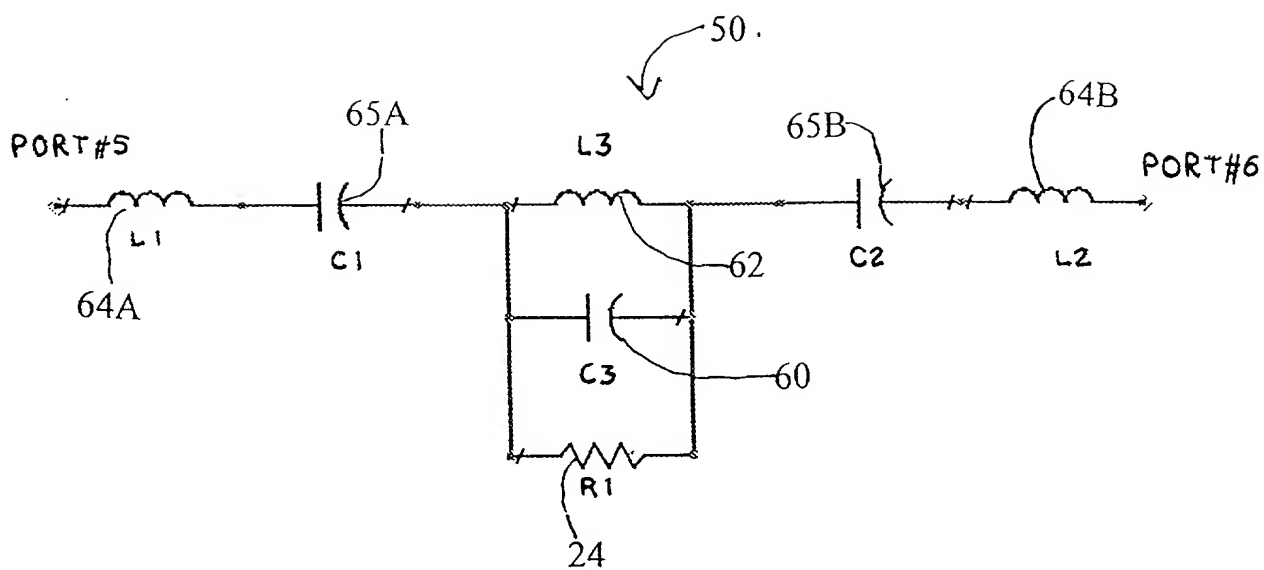


FIG. 3. CLASS S AMPLIFIER WITH 4 DEVICES. (H CONFIGURATION.)

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**FIG. 4. CLASS AMPLIFIER: OUTPUT FILTER AND LOAD SCHEMATIC**

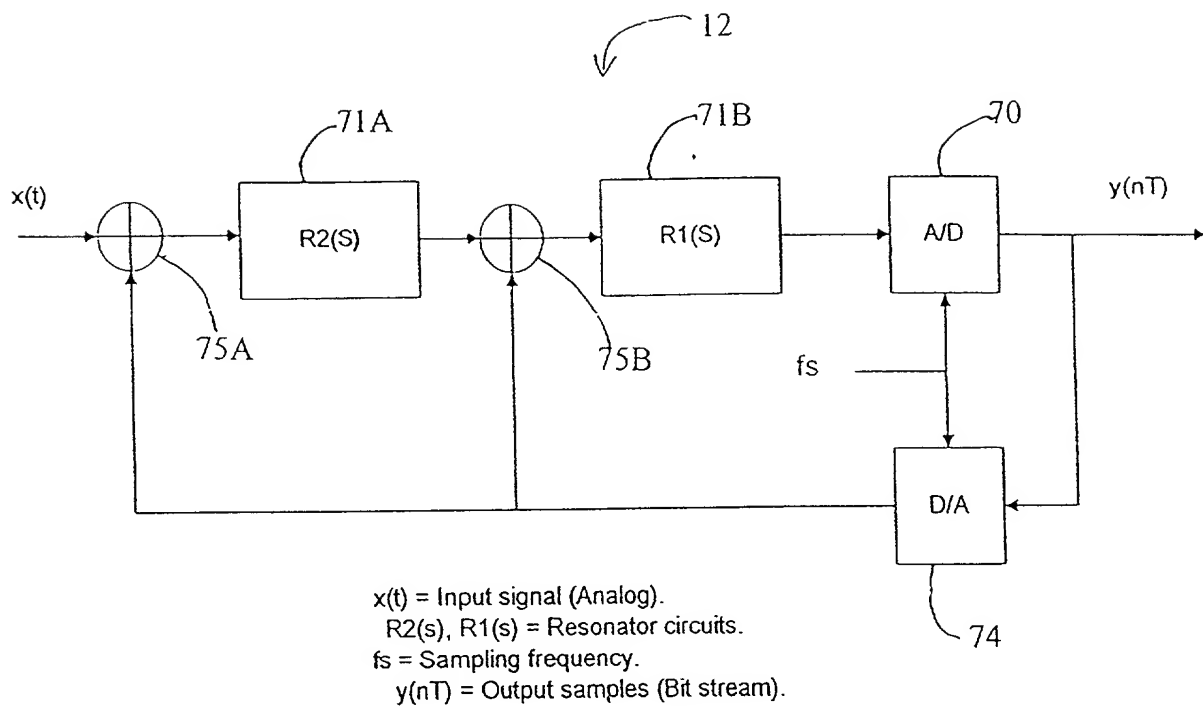
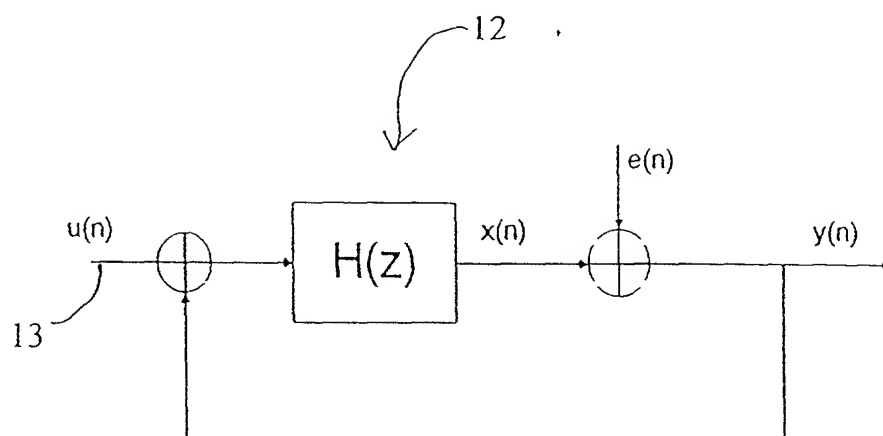


FIG. 5. CONTINUOUS TIME BANDPASS DELTA SIGMA MODULATOR USING DOUBLE FEEDBACK LOOP.



$u(n)$ = Input signal  
 $x(n)$ = Input to Quantizer  
 $e(n)$ = Quantization noise as additive noise non-correlated with input  
 $y(n)$ = Output bit stream

FIG. 6. SIMPLIFIED DISCRETE EQUIVALENT OF DELTA SIGMA MODULATOR

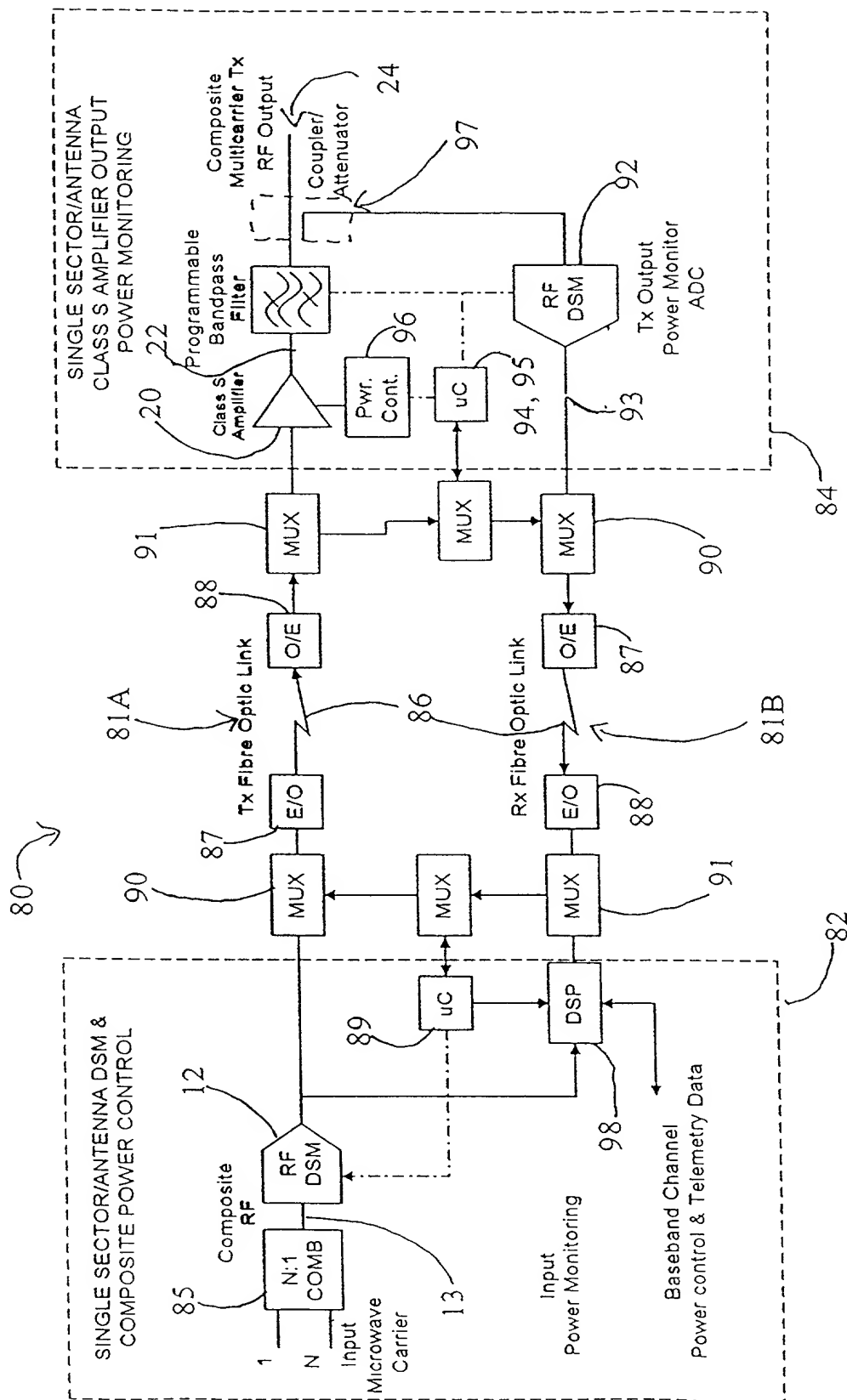


FIGURE 7A

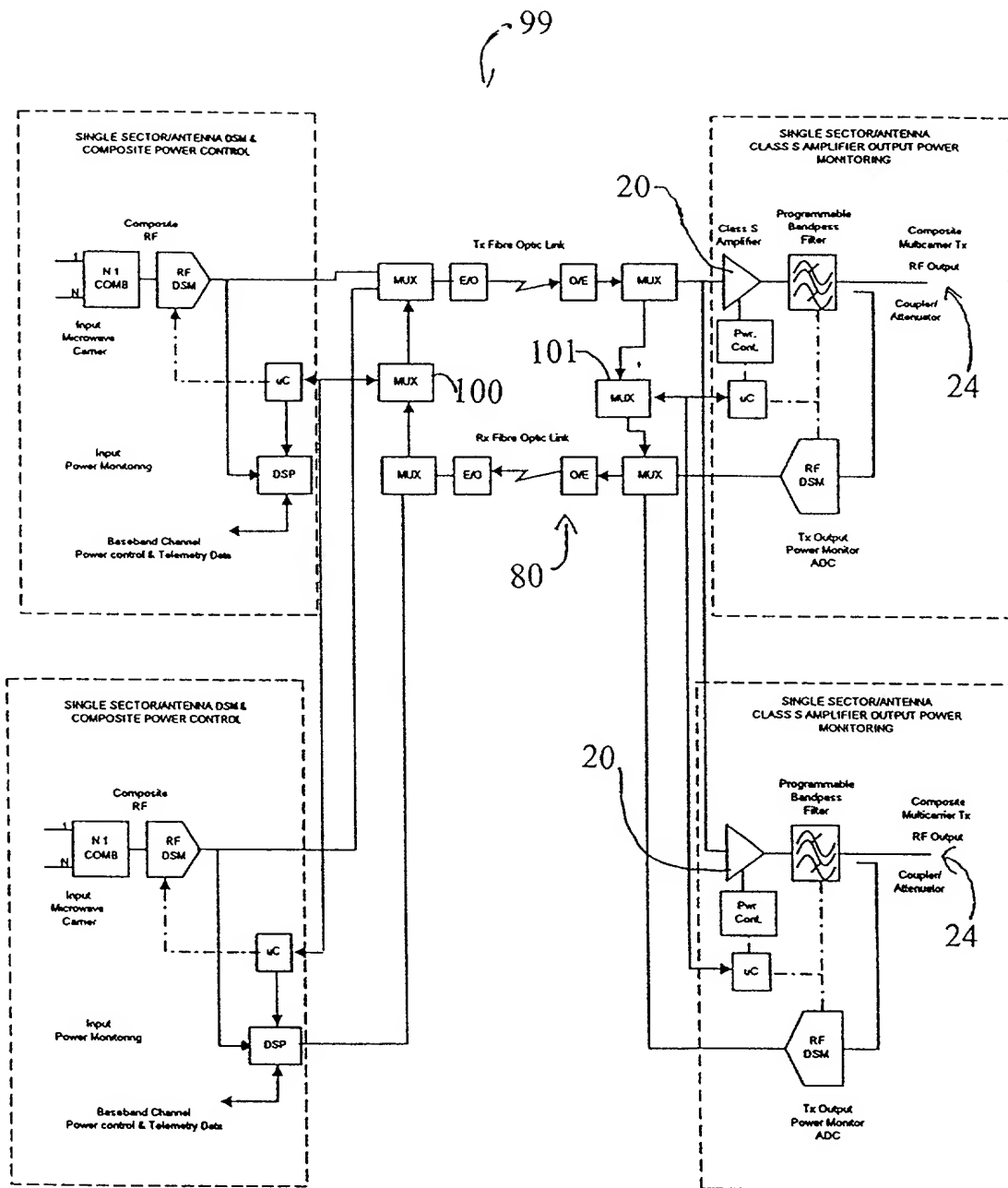


FIGURE 7B